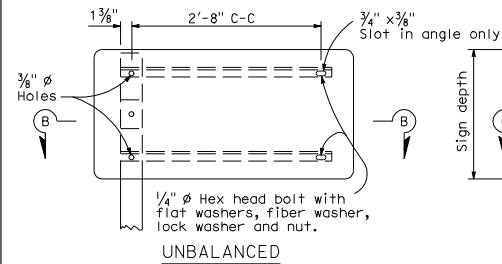


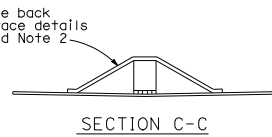
$\angle 1" \times 1" \times 1/8"$ Brace.
Required for unbalanced signs greater than 3'-0" width.

See back brace details and Note 2

3 5/8" or 5 1/2"



Sign depth



Wood block spacer - 3/4" \times 4" \times 6" for 2'-0" - 3'-0" width signs
1 1/2" \times 4" \times 6" for 3'-1" - 4'-6" width signs
No blocks required on signs less than 1'-6" in depth. See Note 2.

Attach sign to post with bolts at top center and bottom

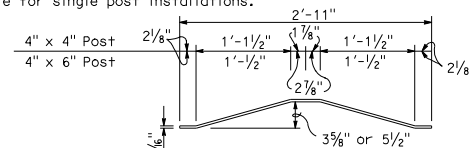
Sign panel

Nail block to post at mid-depth of sign

END VIEW

SINGLE POST INSTALLATION

See Note 5 regarding breakaway feature for single post installations.

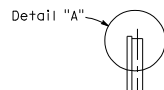


PLAN

ELEVATION

BACK BRACE DETAILS

See Note 2

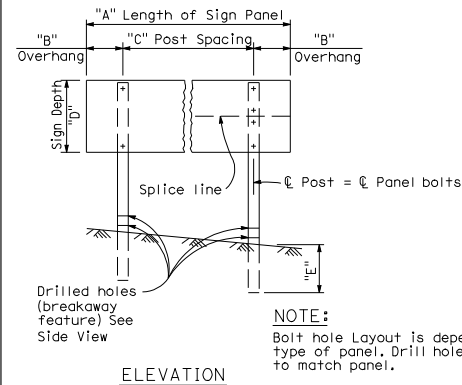


BREAKAWAY FEATURE

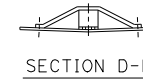
Drill 3" holes in 6" \times 8" post, 2" holes in 6" \times 6" post, and 1 1/2" holes for 4" \times 6" posts. Orient hole axis parallel to axis of sign. See Note 6 for tolerances of drilled holes.

SIDE VIEW

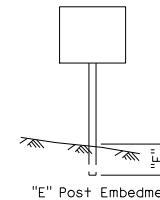
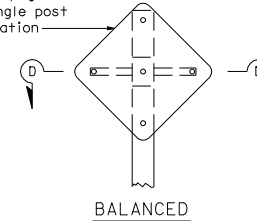
* 5/16" ϕ for single sheet aluminum panel signs.
3/8" ϕ for laminated panel signs or framed single sheet aluminum panel signs



TWO POST INSTALLATION



Max diamond sign = 4'-0" \times 4'-0" for single post installation



POST SIZE	"E"
4" \times 4"	3.5'
4" \times 6"	4.5'
6" \times 6"	5.0'
6" \times 8"	6.0'

NOTES:

- Place long dimension of post cross section normal to sign axis. See Section C-C.
- Balanced single post installations of unframed single sheet aluminum panel signs shall have block spacers if 1'-6" or more in depth and a combination of block spacers and back braces if 1'-6" or more in depth and 2'-10" or more in width. Sign panels less than 1'-6" in depth and 2'-10" or more in width shall have back braces only.
- For post size see sign layout, format or quantity sheets.
- Balanced single post installations of Laminated Panel and Framed single sheet panel signs require back braces when 2'-10" or more in length.
- Breakaway feature for single post installation shall be the same as the breakaway feature shown for the two post installation.
- Tolerance for diameter of drilled holes in breakaway feature is $\pm 1/8"$.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ROADSIDE SIGNS-WOOD POST TYPICAL INSTALLATION DETAILS No. 2

NO SCALE

RS2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS

REGISTERED CIVIL ENGINEER

May 1, 2006

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to <http://www.dot.ca.gov>

Jeffrey B. Moody
No. 041260
Exp. 3-31-07
CIVIL
STATE OF CALIFORNIA

POST SPACING TABLE		
SIGN PANEL LENGTH	SIGN PANEL OVERHANG	POST SPACING
"A"	"B"	"C"
4'-8" - 5'-6"	7" - 1'-0"	3'-6"
6'-0" & 6'-6"	1'-0" & 1'-3"	4'-0"
7'-0" & 7'-6"	1'-3" & 1'-6"	4'-6"
8'-0"	1'-6"	5'-0"
8'-6"	1'-8"	5'-2"
9'-0"	1'-10"	5'-4"
9'-6"	1'-11"	5'-8"
10'-0"	2'-0"	6'-0"
10'-6"	2'-0"	6'-6"
11'-0", 11'-6", 12'-0"	2'-0", 2'-3", 2'-6"	7'-0"
12'-6"	2'-6"	7'-6"
13'-0"	2'-6"	8'-0"
13'-6", 14'-6"	2'-6", 3'-0"	8'-6"
14'-0", 14'-6"	2'-9", 3'-0"	9'-0"
15'-6", 16'-0"	3'-0", 3'-3"	9'-6"
16'-6"	3'-3"	10'-0"
17'-0", 17'-6"	3'-3", 3'-6"	10'-6"
18'-0", 18'-6"	3'-6", 3'-9"	11'-0"
19'-0"	3'-9"	11'-6"
19'-6", 20'-0"	3'-9", 4'-0"	12'-0"
20'-6", 21'-0"	4'-0", 4'-3"	12'-6"
21'-6"	4'-3"	13'-6"
22'-0", 22'-6"	4'-3", 4'-6"	14'-0"
23'-0"	4'-6"	14'-6"
23'-6", 24'-0"	4'-6", 4'-9"	15'-0"